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#### ABSTRACT OF THE DISCLOSURE

A method of automatically determining a peak level of a signal propagated on a carrier medium, such as for example POTS wiring, includes detecting a traversal of a noise threshold level by a data signal.

- 5 The noise threshold level is determined relative to a noise floor. A determination is then made as to whether the data signal traverses a peak level within a predetermined time interval after the detection of the traversal of the noise threshold level. The peak level is then varied in accordance with the determination of whether the data signal traversed
- 10 the peak level within the predetermined time interval. For example, should the data signal not traversed the peak level within the predetermined time interval, the peak level may be lowered. Alternatively, should the data signal traversed the peak level within the predetermined time interval, the peak level may be raised.

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